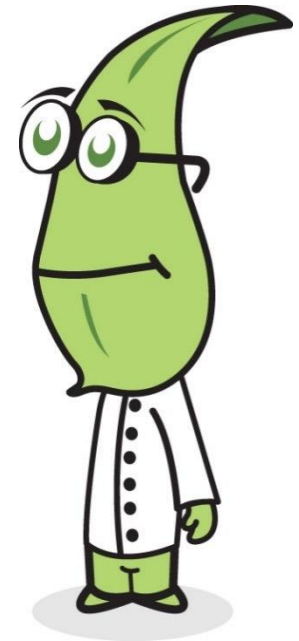


Introduction to the Spring Bulbs for Schools Report



**AMGUEDDFA
CYMRU**

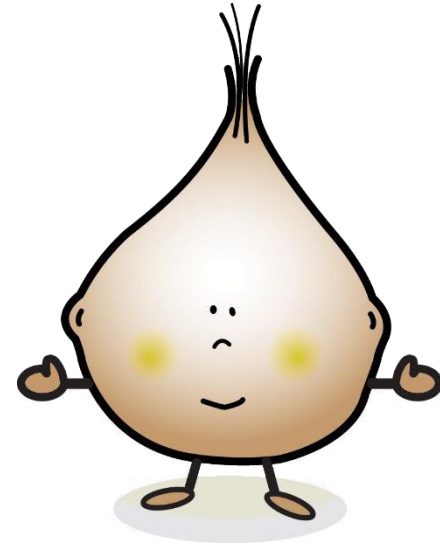
**Edina
Trust**
Bulb Project



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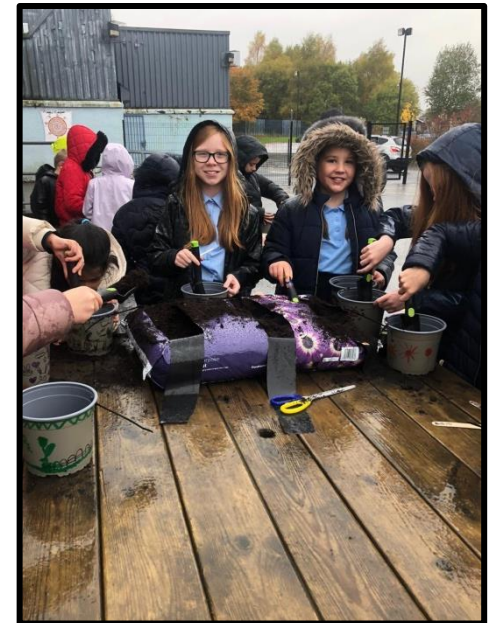
- [Introduction to the Project](#)
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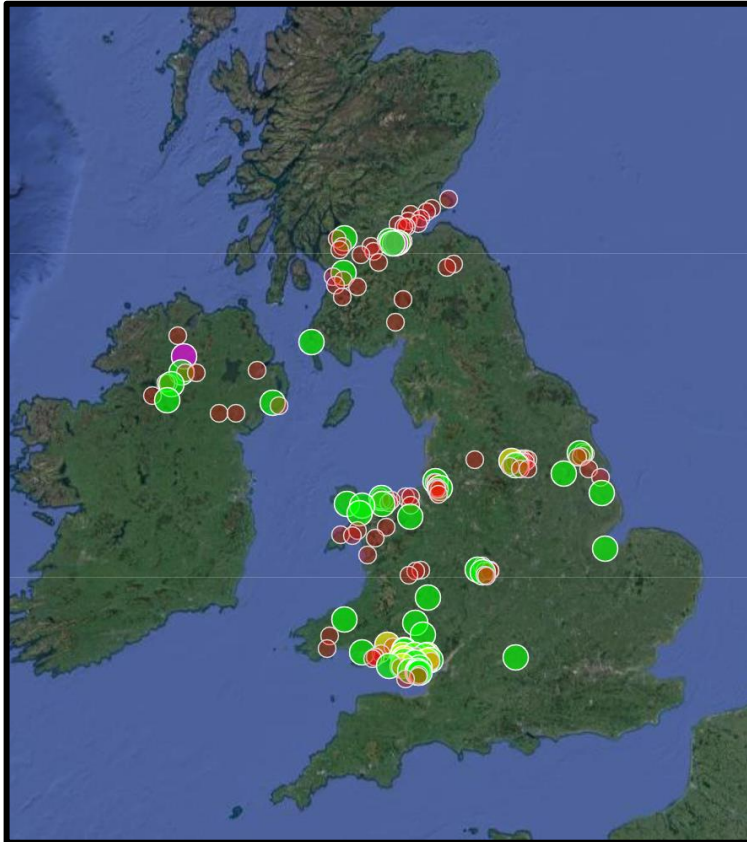
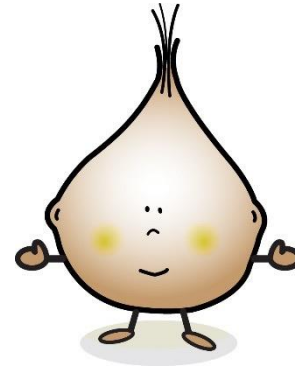


The investigation...

Since October 2005, school scientists across Wales have been keeping weather records and noting when their flowers open, as part of a long-term study looking at the effects of temperature on spring bulbs.



Edina Trust

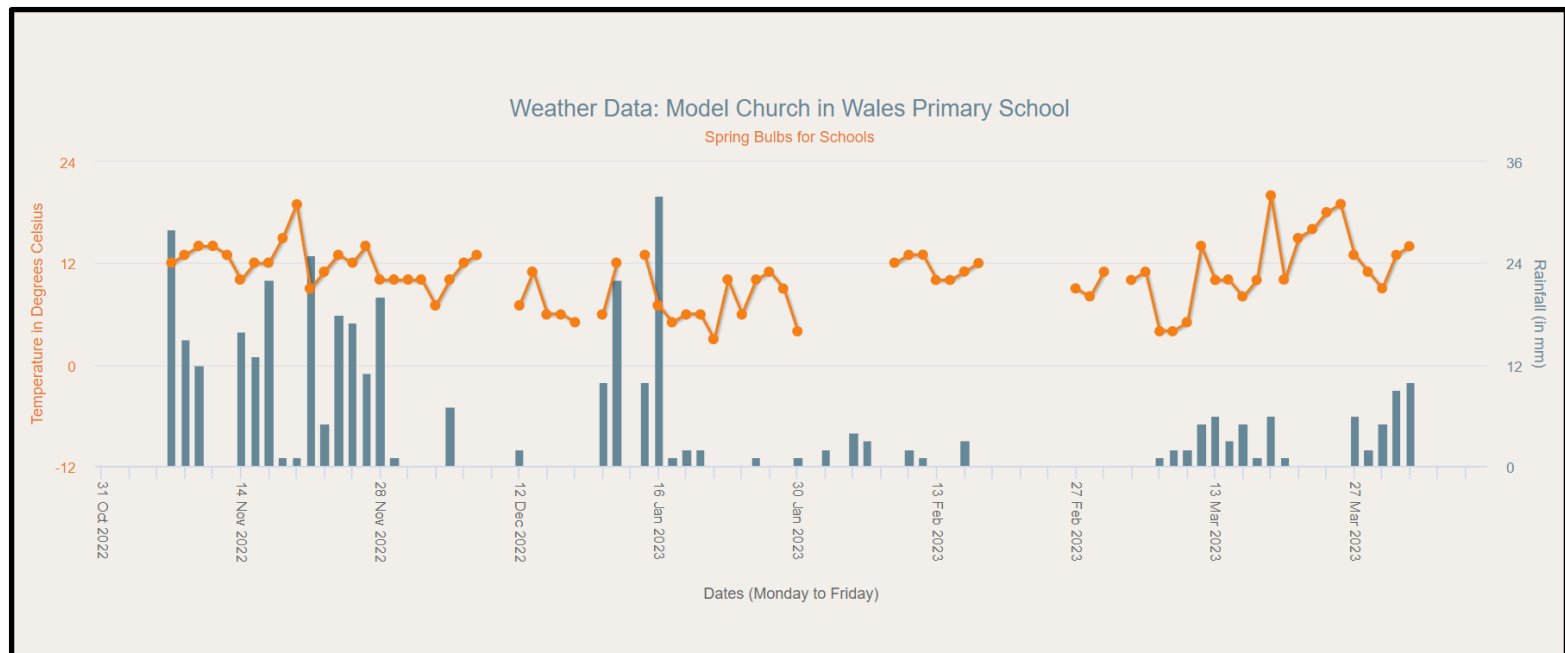


We continue to work in partnership with The Edina Trust who provide funding and support for the project and have extended its reach to schools in England, Scotland and Northern Ireland!

7,442 pupils took part this year!

Participating schools planted daffodil and crocus bulbs in October and took weather readings from November to March. They entered their weekly weather records and the flowering dates and heights of their plants to the Amgueddfa Cymru - National Museum Wales website.

The table below shows the rainfall and temperature recorded by Model Church in Wales Primary School from November 2022 to March 2023.



The long term study...

Our climate and seasons are changing. Over the next 10-20 years (and hopefully longer) we want school scientists to show how climate change is affecting flowering dates for spring bulbs.

In the short term there is plenty for schools to study. This project is aimed at years 3 to 6 and draws on numeracy, literacy and digital skills. The project compliments elements of the national curriculum for Science, Geography, Maths, Art and ICT. It also supports the four purposes of the Curriculum for Wales by inspiring pupils to be confident, creative, ambitious and ethically informed.

Educational resources are available on the project website:

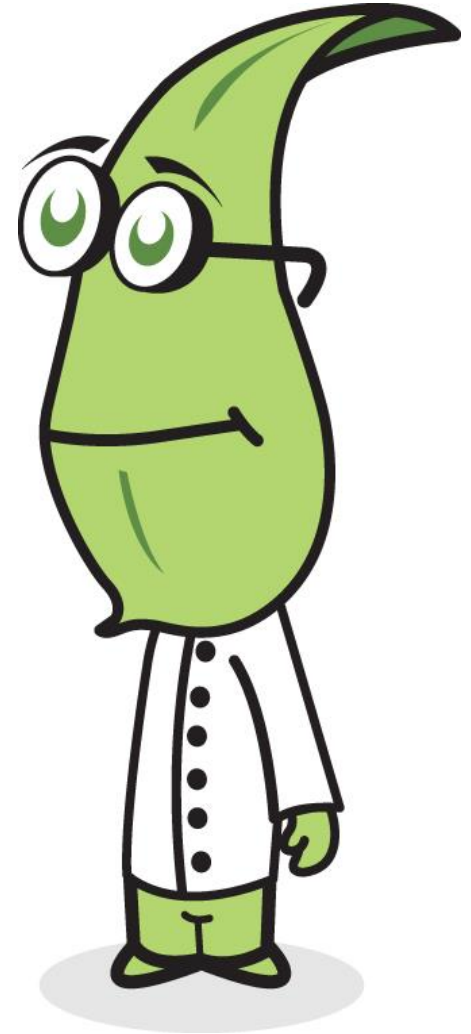
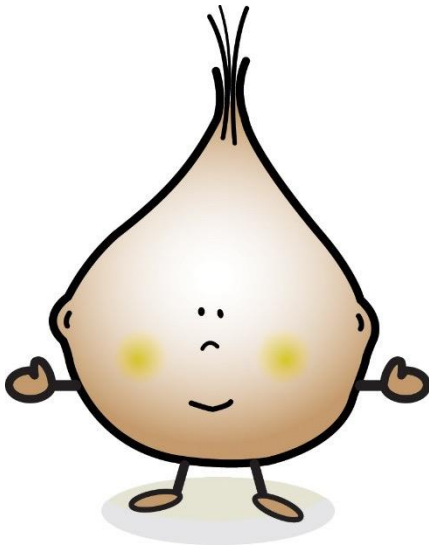
<http://www.museumwales.ac.uk/spring-bulbs/>



Huge thanks

Professor Plant and Baby Bulb would like to thank all the school scientists that kept and shared their records with us this year.

You are all Super Scientists!



Certificates

Cymru / Wales:

Ysgol Bro Sannan
Ysgol Bethel
Brynford Primary
Minera Aided Primary
St Joseph's Cathedral
Ysgol y Wern
Ysgol Cwm Brombil
Adamsdown Primary
Franksbridge CP School
Gors Community School
Montgomery Primary
Penrhiwceibr Primary
Rhydri Primary School
St Athan Primary School
St. Michael's RC Primary
Trellech Primary School
Twyn School
Ysgol Gymraeg Mornant
Ysgol Llanilar
Ysgol Pontrobert

Lloegr / England:

St Teresa's Catholic Primary
Hamstead Junior School
Harvills Hawthorn Primary
Grange Primary
Marton Primary Academy

Gogledd Iwerddon/ Northern Ireland:

St Patrick's Legamaddy
Enniskillen Integrated Primary
St Mary's Primary
Hardgate Primary

Yr Alban / Scotland:

Forehill Primary
Gartcosh Primary
Newton Primary
St Joseph's RC Primary
Whitdale Primary
Windyknowe Primary

To be awarded certificates and pencils.

Super Scientists

Cymru / Wales:

Oystermouth Primary
Abernant Primary
High Cross Primary
Ysgol Capel Garmon
Albert Primary S
Llanbedr Church in Wales
NPTC Newtown College
Glyncoed Primary
Spittal VC School
St Mary's Church in Wales
St Paul's CiW Primary

Lloegr / England:

Cambridge Park Academy
Devonshire Primary Academy
Rowley Hall Primary
St John's CE Primary
St Bernadette's Catholic

Gogledd Iwerddon/

Northern Ireland:

Newtownbutler Primary
Sacred Heart Primary
Glasswater Primary
Cortamlet Primary
Newtownhamilton Primary

Yr Alban / Scotland:

Milton Primary
Darvel Primary
Meldrum Primary
Our Lady of Peace
Underbank Primary
Maidens Primary
Logan Primary

To be awarded certificates, pencils and seeds.

Special Recognition

Cymru / Wales:

Forden CiW School
Ysgol Gymraeg Dewi Sant
Ysgol San Sior
St Joseph's RC Primary
Alaw Primary
Ysgol Glan Conwy

Lloegr / England:

St Anne's Catholic Primary
Stanford in the Vale Primary
Anchorholme Academy
Fleet Wood Lane Primary
Sylvester Primary Academy
St Kentigern's Primary

Gogledd Iwerddon/Northern Ireland:

Clonalig Primary
Irvinestown Primary
Sacred Heart Primary
St Mary's Primary
St Paul's Primary
Lisbellaw Primary

Yr Alban / Scotland:

Leslie Primary
Livingston Village Primary
St Anthony's Primary
Kirkhill Primary
Blacklands Primary

To be awarded certificates, pencils and seeds.

Highly Commended

Cymru / Wales:

YGG Tonyrefail
Pil Primary School
YGG Aberystwyth
Ysgol Llandegfan
St Julian's Primary

Gogledd Iwerddon / Northern Ireland:

St Patrick's Primary

Yr Alban / Scotland:

Kingcase Primary
Dedridge Primary
Kincaidston Primary

To be awarded certificates, pencils and seeds.

Runners up

Cymru / Wales:
Peterston Super Ely Church in Wales Primary

Gogledd Iwerddon / Northern Ireland:
Grange Primary School Kilkeel

Lloegr / England:
Kidgate Primary Academy

Yr Alban / Scotland:
Gavinburn Primary School

To receive certificates, pencils, seeds and a class prize.

Winners

Cymru / Wales:
Model Church in Wales Primary School

Gogledd Iwerddon / Northern Ireland:
St Mary's Primary School (Maguiresbridge)

Lloegr / England:
Roseacre Primary Academy

Yr Alban / Scotland:
St John Ogilvie Primary School

To receive certificates, pencils, seeds and a prize for the class.



UK & Wales Data



- Schools in Wales have been collecting data since 2005.
- Schools in England and Scotland have been collecting data since 2011.
- Schools in Northern Ireland have been collecting data since 2017.
- We have produced two summary reports. The first looks at data collected from across the UK 2011-2023 and compares readings from England, Scotland, Northern Ireland and Wales. The second looks at data collected from Wales 2005-2023.

Download the results yourself to...

- ▶ Make graphs and frequency charts to calculate the mean.
- ▶ See if flowers opened later in schools that recorded colder weather.
- ▶ See how temperature, sunshine and rainfall affect average flowering dates.
- ▶ Look for trends between different locations.

Visit: <https://museum.wales/spring-bulbs/>



Digital Resources

Visit the [Spring Bulbs for Schools website](#) and [The Edina Trust website](#) for an array of teaching resources relating to the project.

[Amgueddfa Cymru - National Museum Wales](#) have digital resources that relate to collections across their seven Museums. Schools in Wales can also access resources on the [Hwb website](#).

The above pages all have links to our Kahoot quizzes!

Kahoot!

